

Engineering has reviewed the plans for the Crossroads at Independence project submitted November 2, 2016 and have the following comments:

1. The project will require full Stormwater Management review. Please submit one full set of plans, a Stormwater Management Permit Application Form, Infiltration Basin Supplement, Infiltration Basin Operation and Maintenance Agreement, calculations and a \$1000 review fee to Engineering for full review. Please note our review times are approximately 30-45 days right now. Please factor this into your submittal schedule.
2. Please include an SCM and inlet drainage area map. Please make sure each drainage area is labeled and quantified.
3. All conveyances must be designed for the 10-yr storm and analyzed for the 50-yr storm event to check the system for flooding.
4. Please provide a soils report with seasonal high water table determination for the proposed wet detention basin.
5. Provide all USACOE permits for our records.
6. Install sidewalk the entire length of the property frontage along Independence and Carolina Beach Road. Public access easements will be required for any proposed sidewalks that are shown outside of the Carolina Beach Road r/w.
7. Stormdrain system for outparcels does not show on the plans. Only the labels appear.
8. Provide the pipe sizing analysis for the proposed 60" RCP that is part of the ditch realignment. A drainage easement will be required as part of the realignment as well. Have there been any discussions with NCDOT about drainage improvements along CBR?
9. Eliminate the 90 degree entry and exit of the proposed 60" RCP. Can you add structures and pipe? Add 'L' endwalls?
10. The pond outlet structure does not show on the plans. Where will the pond discharge?
11. Will there be a need for stormdrain along the proposed turn lane along CBR?